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A LABEL CONSTRUCTION

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(57) Claim

1. A label assembly comprising:  
a support sheet of paper material;  
an adhesive applied to a major surface of said support sheet;  
an information receiving sheet of heat stable plastics material  
covering said major surface so as to be fixed to said support sheet, said  
information receiving sheet being adapted to receive printed material; and  
lines of perforations dividing said support sheet and information  
receiving sheet into discreet label portions, and wherein the  
perforations extend through both sheets.

**AUSTRALIA**

**PATENTS ACT 1990**

**COMPLETE SPECIFICATION**

**FOR A STANDARD PATENT**

**ORIGINAL**

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Invention Title: A Label Construction

**ASSOCIATED PROVISIONAL APPLICATION DETAILS**

[31] Application No(s)  
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The following statement is a full description of this invention,  
including the best method of performing it known to me/us:-

### Technical Field

The present invention relates to labels and a method for their construction.

### Background of the Invention

5       The present invention relates to the method of manufacturing tags and labels which may be used in computer printers such as laser printers.

Identification tags for industry or retail purposes cannot be fed through printers employing a fast feed system, accordingly known blank material adapted to be used in computer printers such as laser printers,  
10 is becoming increasingly unsuitable.

### Object of the Invention

It is the object of the present invention to overcome or substantially ameliorate the above disadvantages.

### Summary of the Invention

15       There is disclosed herein a label assembly comprising:  
a support sheet of paper material;  
an adhesive applied to a major surface of said support sheet;  
an information receiving sheet of heat stable plastics material covering said major surface so as to be fixed to said support sheet, said  
20 information receiving sheet being adapted to receive printed material; and  
lines of perforations dividing said support sheet and information receiving sheet into discreet label portions, and wherein the perforations extend through both sheets.

### Description of the Drawing

25       A preferred form of the present invention will now be described by way of example with reference to the accompanying drawing, which schematically depicts in perspective view a label assembly.

### Description of the Preferred Embodiment

In the accompanying drawing there is schematically depicted a label  
30 assembly 10. The label assembly 10 is adapted to pass through "computer" printers such as laser printers.

The label assembly 10 includes a support sheet 11 to major surface of which there is applied an adhesive 14. Covering the adhesive 14 is an information receiving sheet 15 of heat stable plastics material. The  
35 sheet 15 is secured to the sheet 11 so as not to be removable therefrom.

The assembly 10 is divided into discreet individual labels 16 by lines of perforations 17. The perforations extend through both sheets 11 and 15.

It should be appreciated that in the described embodiment, the labels 16 are of a rectangular configuration. Alternative label configurations may be employed.

Preferably the perforations are fine perforations numbering 50 to 5 100 perforations per inch, and more preferably 70 perforations per inch.

The paper constituting the support sheet should contain a moisture barrier on both sides and be firmly and mechanically stable. It will need to be able to withstand the heat generated by computer printers, such as a laser printer which frequently operate at temperatures of 10 190°C. A typical paper thickness would be 2 to 6 thousandths of an inch but preferably 4 thousandths of an inch.

The sheet 15 can be any suitable plastics materials such as PVC. The plastics material would need to be heat stable again to withstand the above discussed temperatures. Preferably the sheet 15 would be 3 to 6 15 thousandths of an inch thick but preferably 4 thousandths of an inch. The plastic should be coated so that it can accept the toner employed in printers.

The claims defining the invention are as follows:

1. A label assembly comprising:  
a support sheet of paper material;  
an adhesive applied to a major surface of said support sheet;  
5 an information receiving sheet of heat stable plastics material  
covering said major surface so as to be fixed to said support sheet, said  
information receiving sheet being adapted to receive printed material; and  
lines of perforations dividing said support sheet and information  
receiving sheet into discreet label portions, and wherein the  
10 perforations extend through both sheets.
2. The label assembly of claim 1, wherein the perforations number  
between 50 and 100 perforations per inch.
3. The label construction of claim 2, wherein the perforations  
number approximately 70 perforations per inch.
- 15 4. The label construction of claim 2, wherein the information  
receiving sheet is PVC of 3 to 6 thousandths of an inch thick.
5. The label assembly of claim 4, wherein the information  
receiving sheet is 4 thousandths of an inch thick.
6. The label assembly of claim 5, wherein said information  
20 receiving sheet is coated so as to accept a toner.
7. A label assembly substantially as hereinbefore described with  
reference to the accompanying drawings.

DATED this TWENTY-NINTH day of NOVEMBER 1991

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### Abstract

A label assembly (10) which includes a support sheet (11) of paper material to which there is fixed via an adhesive (14) an information receiving sheet (15) of heat stable plastics material. The information  
5 receiving sheet (15) and support sheet (11) are perforated so as to be divided into discrete label portions (16). The perforations extend through both sheets (11,15) and number between 50 and 100 perforations per inch.

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